

ABSTRACT OF THE DISCLOSURE

In an operational amplifier, a differential amplifying circuit is configured to amplify an input voltage inputted from the input terminal. An outputting transistor is connected to the output terminal. A driving transistor is connected to the differential amplifying circuit and the outputting transistor. The driving transistor turns on according to a control signal supplied from the differential amplifying circuit to the driving circuit. The driving transistor is also configured to drive the outputting transistor according to the control signal. A control signal reducing circuit, when a voltage is applied on the driving transistor through the outputting transistor, is configured to reduce the control signal within a range that the driving transistor is kept to on state. The voltage applied on the driving transistor exceeds a predetermined threshold voltage.